## UNIVERSITY OF CAMBRIDGE DEPARTMENT OF HISTORY AND PHILOSOPHY OF SCIENCE

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Dear Alner, not able to continue our. ofter the unfortunate mishap my back. It is slowly improving fat, I am still not a We my lectures. However Pagonis and Disson have rolly stood in the me seem proving quite a list' more week that students than my very nice to see and I hope you onjoyed your I read through your 'therem' that Josephy as me onjoyed, having 9 a gree with everything My condition & Y/2 3P, s.t. (P, P2)= is true iff it is entangled, and bary Reek-Schheider therem follows is nocenary and sufficient entangled. So x

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the Taby R-5 theorem.
This is what I claimed in More Adupufficiency or P-12, and necessity as Thorem 4 on p. 14. The reason of proved Thoron 4 in buch an apparently roundabout way was The following.

9 Corol have argued sumply that it of corol have argued bence it not entangled, it were false and bence it not entangled, then the body R-5. Theorem would be false. So, contrapositively Body R-5 => >. But I wanted to give a 'direct' proof of then be lifted straight Teach to the stary case which was the stary case which was the stary field though interested in This is, I was really interested in the fold thought the vacuum conclutions in the fold thought the vacuum conclutions in the fold thought case are maximal in the sense of the case are maximal in the constance of the controlle experiences! My discussion of Baby R-S in 1 Morde Adowas really meant to explain to the to really meant to explain to that the main result of the profes (Thousan 4 on p. 18) was a plausize thong to try and prove!